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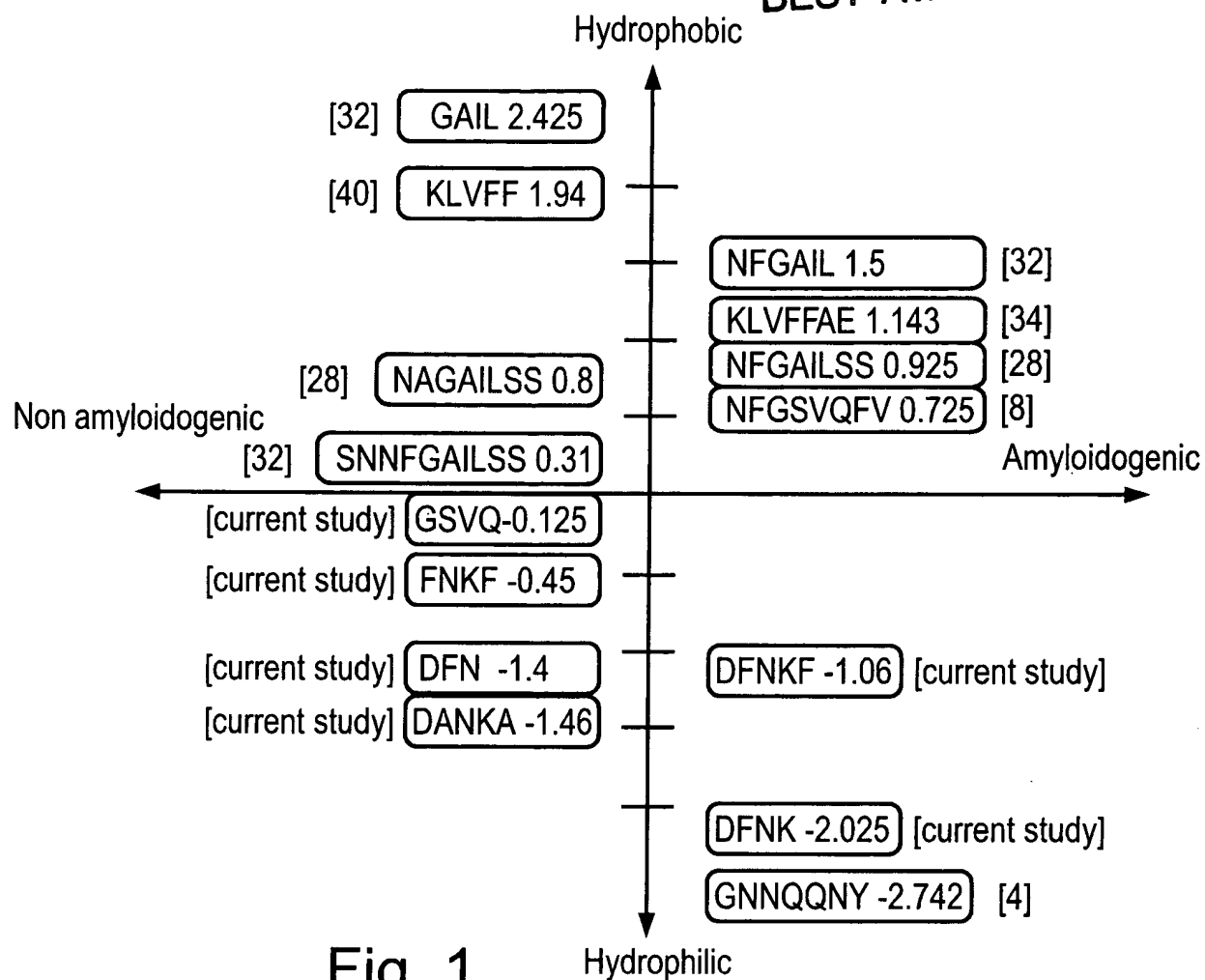


Fig. 2a

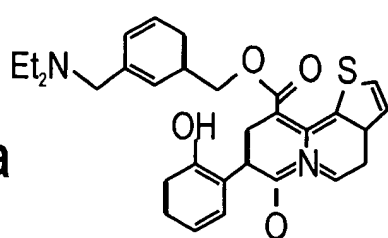


Fig. 2b

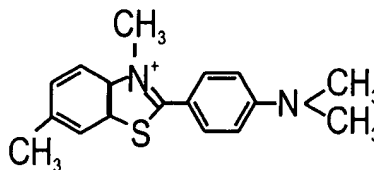


Fig. 2c

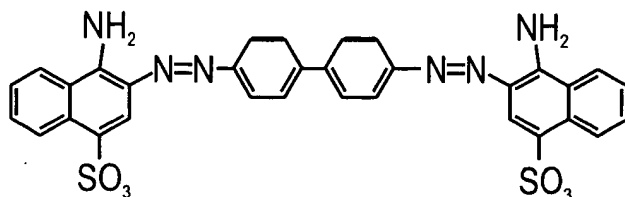
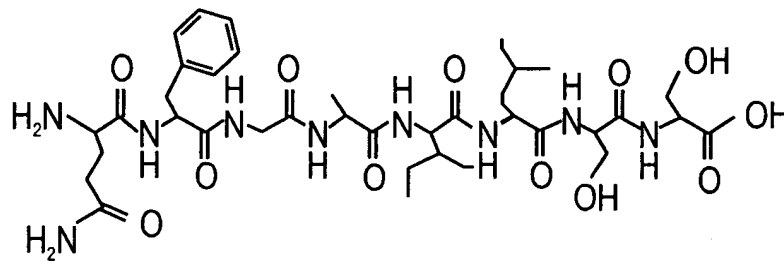


Fig. 3a

¹
 Rodent KCNTATCATQRLANFLVRSSNNLGPVLPPTNVGSNTY³⁷
 Human KCNTATCATQRLANFLVHSSNNNFGAILSSTNVGSNTY

Fig. 3b



wt	NH ₂ -NFGAILSS-COOH
N1A	NH ₂ - <u>A</u> FGAILSS-COOH
F2A	NH ₂ -N <u>A</u> GAILSS-COOH
G3A	NH ₂ -NF <u>A</u> AILSS-COOH
I5A	NH ₂ -NFGA <u>A</u> LSS-COOH
L6A	NH ₂ -NFGAI <u>A</u> SS-COOH

Fig. 3c

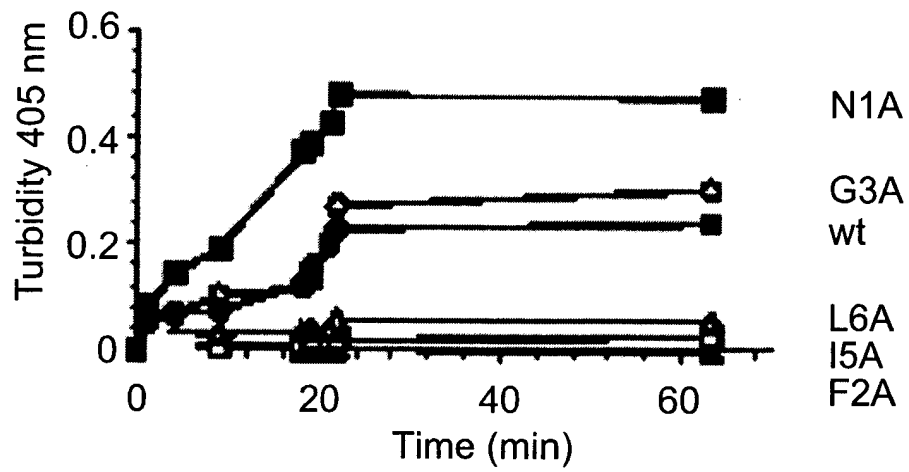


Fig. 4a

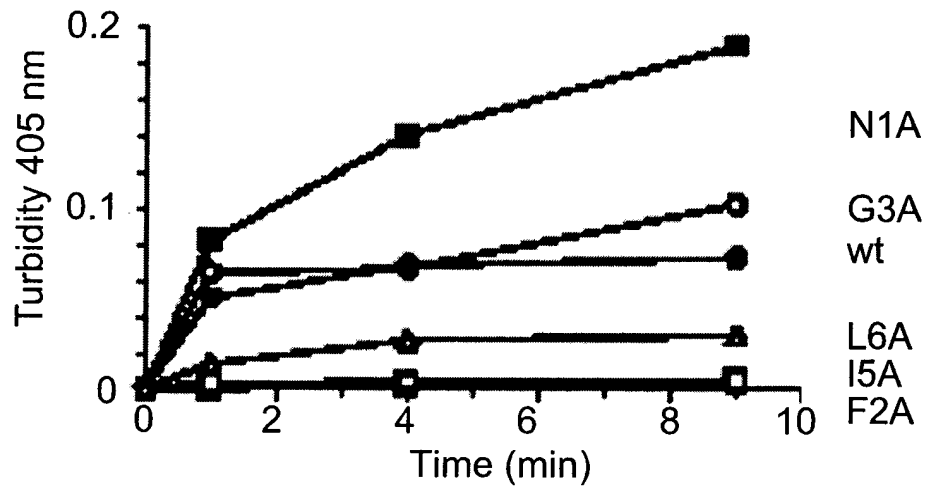


Fig. 4b

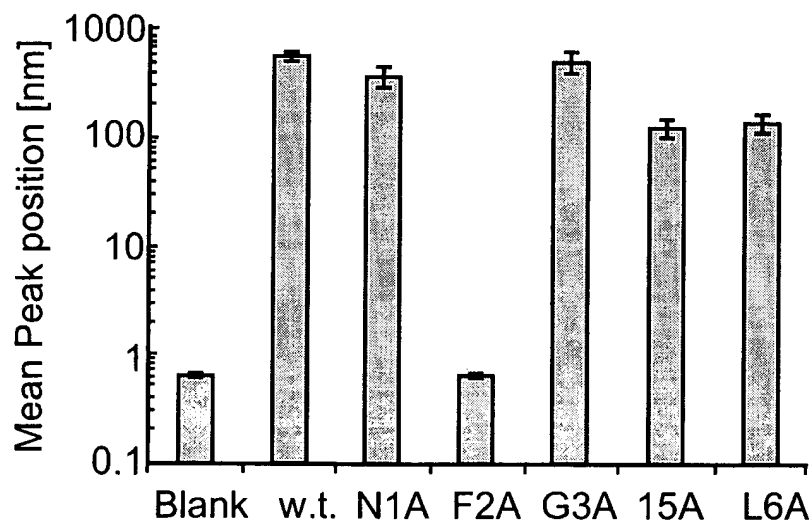


Fig. 5

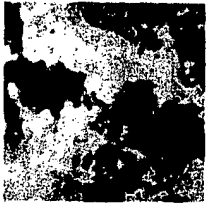


Fig. 6a



Fig. 6b



Fig. 6c



Fig. 6d

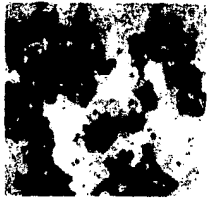


Fig. 6e



Fig. 6f



Fig. 6g



Fig. 6h

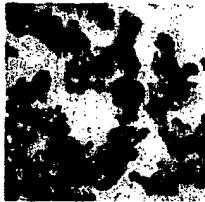


Fig. 6i



Fig. 6j

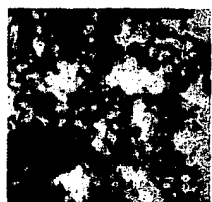


Fig. 6k

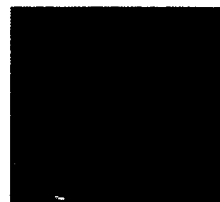


Fig. 6l



Fig. 6m



Fig. 6n

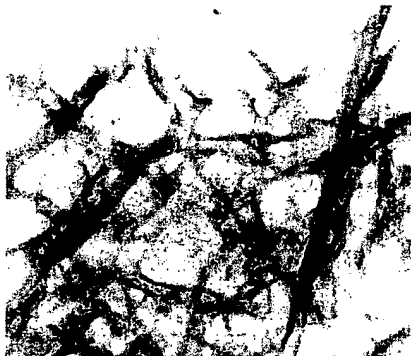


Fig. 7a



Fig. 7b



Fig. 7c

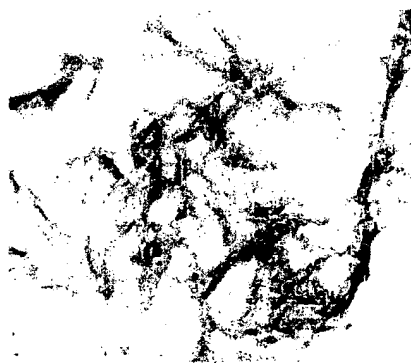


Fig. 7d



Fig. 7e

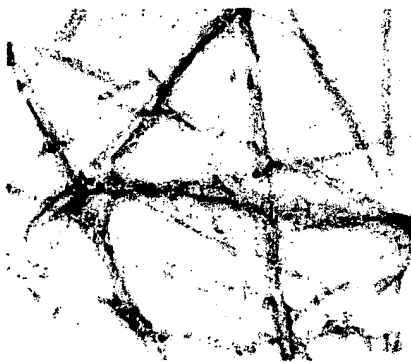


Fig. 7f

Synthetic gene
Human cDNA

M K C N T A T C A T Q R L A
ATGAAATGCAACACCGCGACCTGCGCGACCCAGCGCCTGGCG
ATGAAATGCAACACTGCCACATGTGCAACCCAGCGCCTGGCA

M F L V H S S N N F G A I L
AACTTTCTGGTGCATAGCAGCAACAACCTTTGGCGGATTCTG
AATTTTTTAGTTCATTCCAGCAACAACCTTTGGTGCCATTCTC
S S T N V G S N T Y
AGCAGCACCAACGTGGGCGAGCAACACCTAT
TCATCTACCAACGTGGGATCCAATACATAT

Fig. 8a

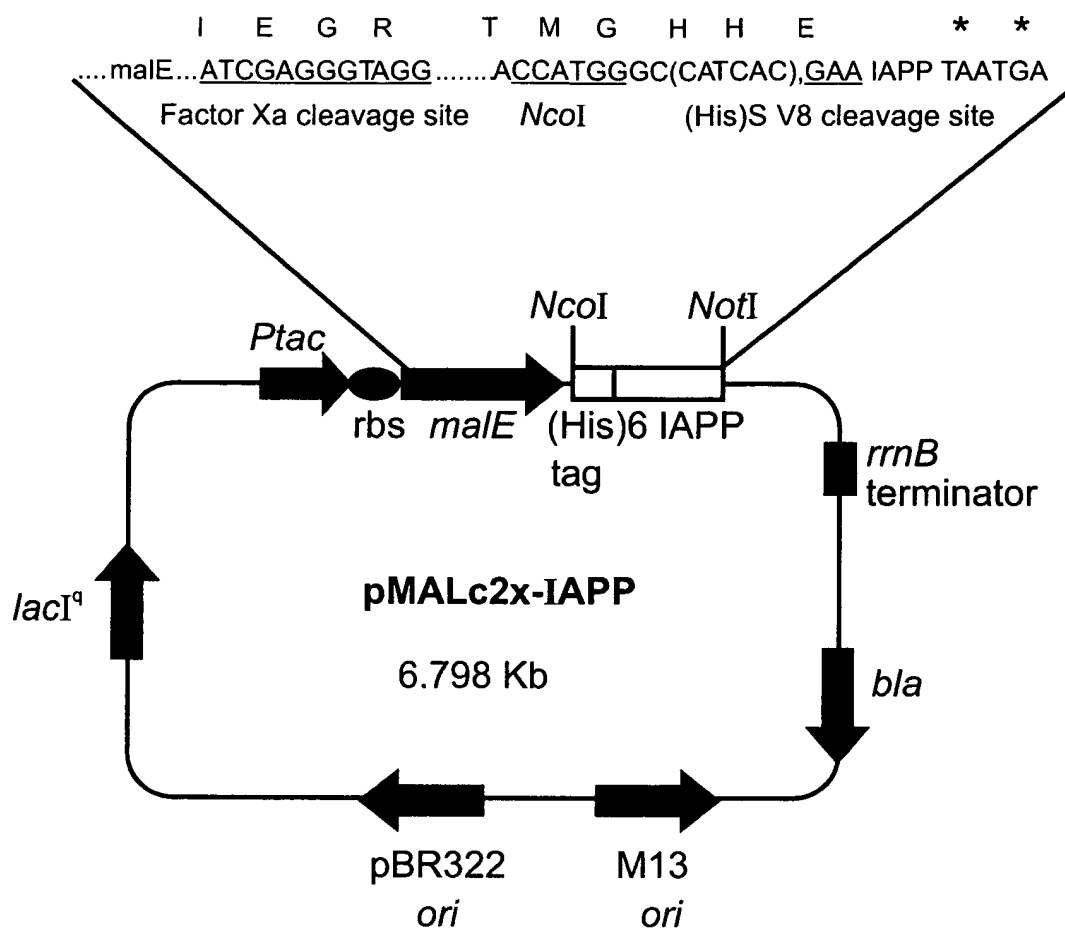


Fig. 8b

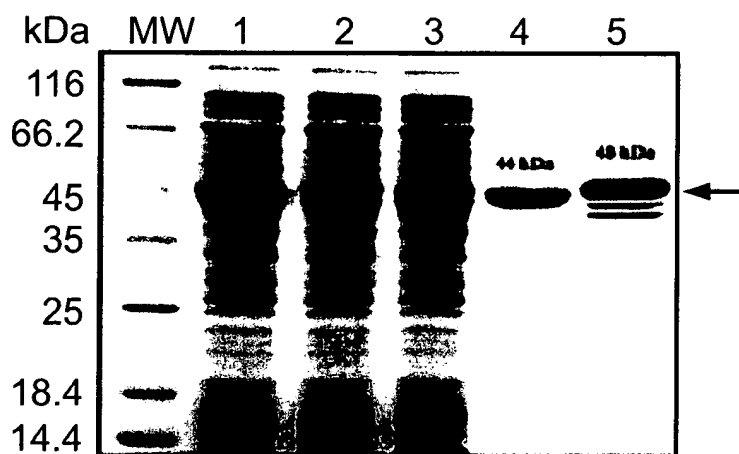


Fig. 9



Fig. 10a

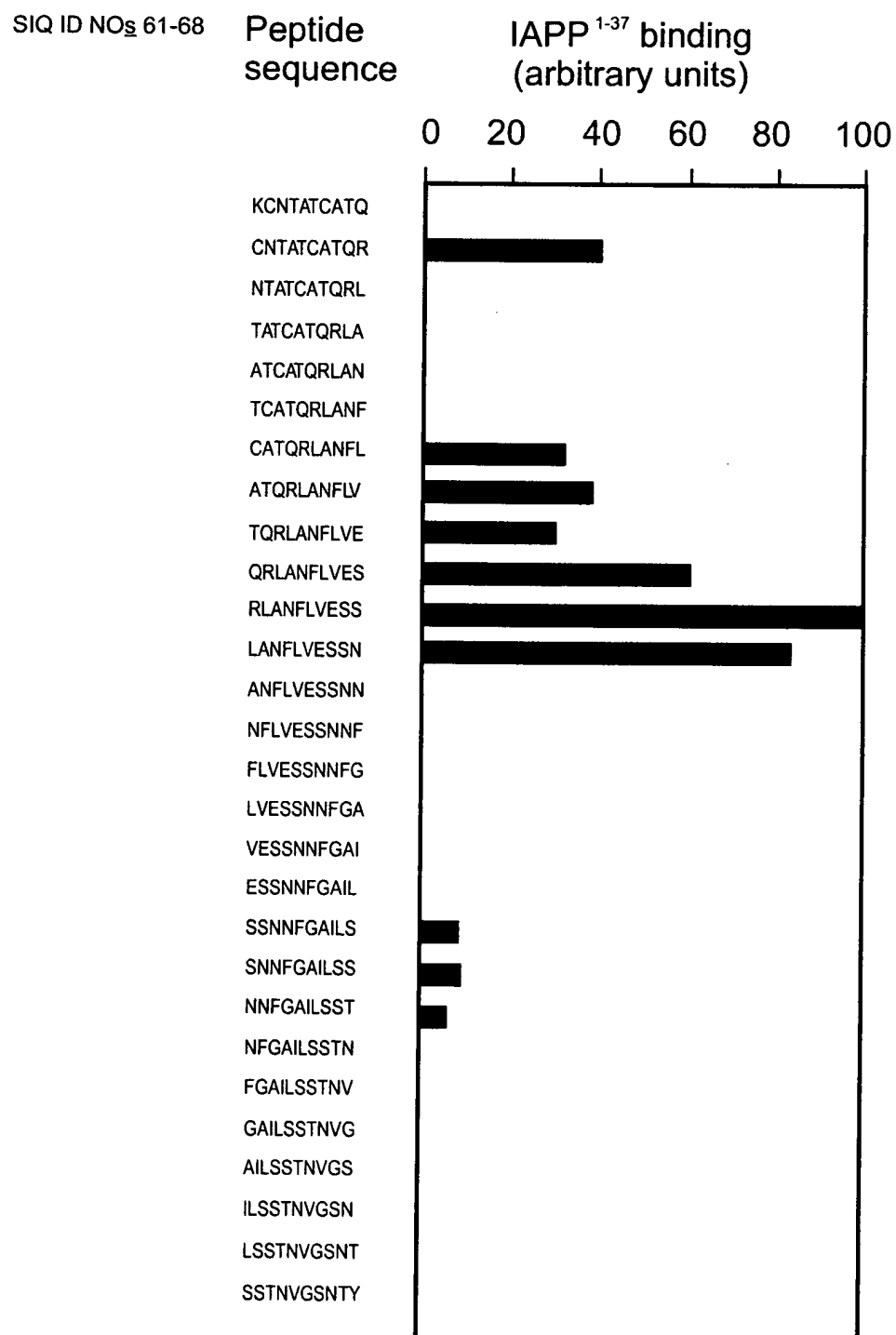


Fig. 10b

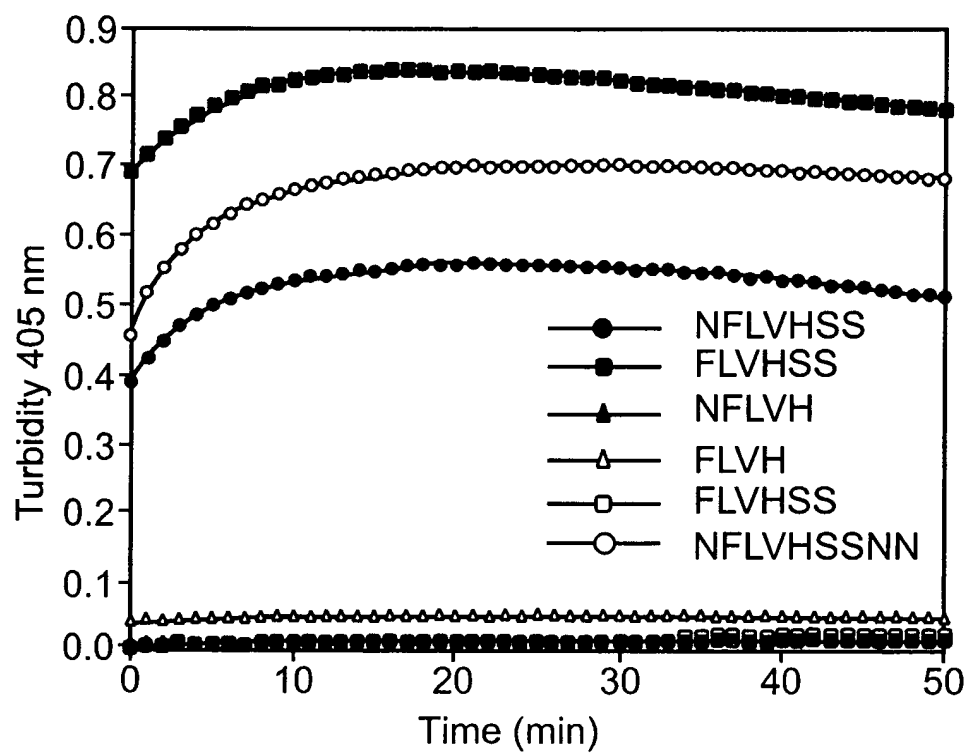


Fig. 11



Fig. 12a

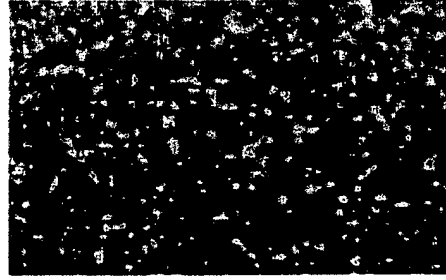


Fig. 12b

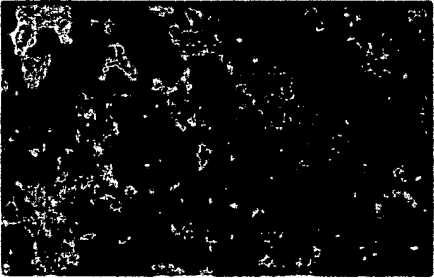


Fig. 12c



Fig. 12d

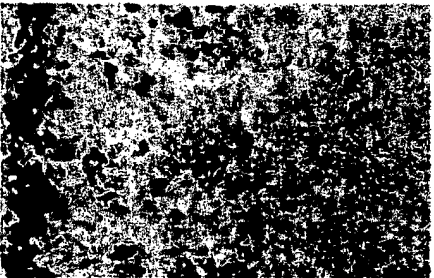


Fig. 12e

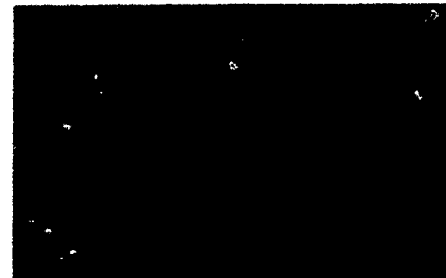


Fig. 12f



Fig. 13a

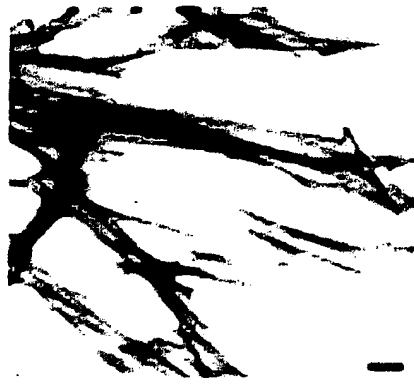


Fig. 13b



Fig. 13c

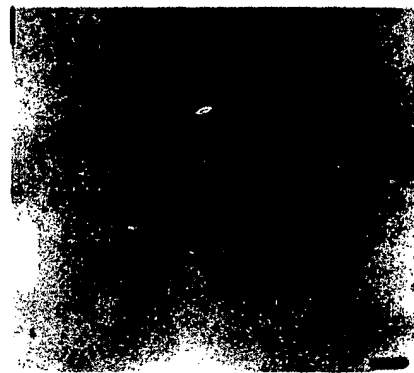


Fig. 13d



Fig. 13e



Fig. 13f

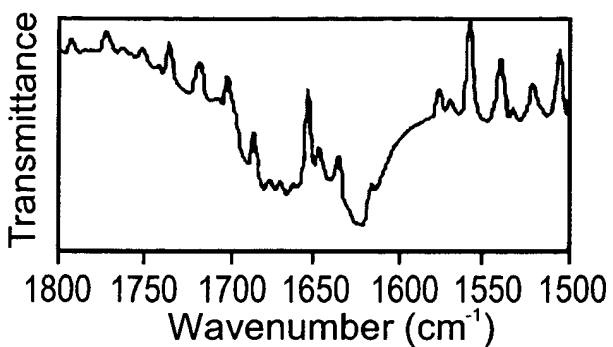


Fig. 14 a

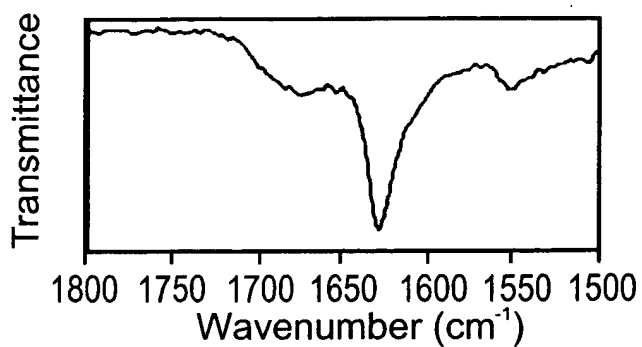


Fig. 14 b

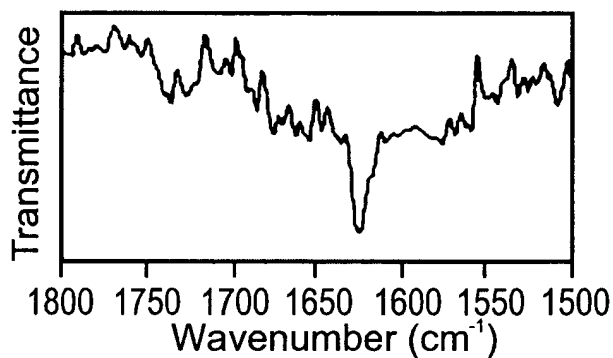


Fig. 14 c

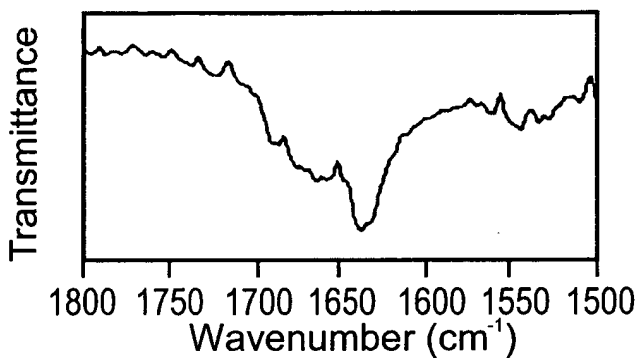


Fig. 14 d

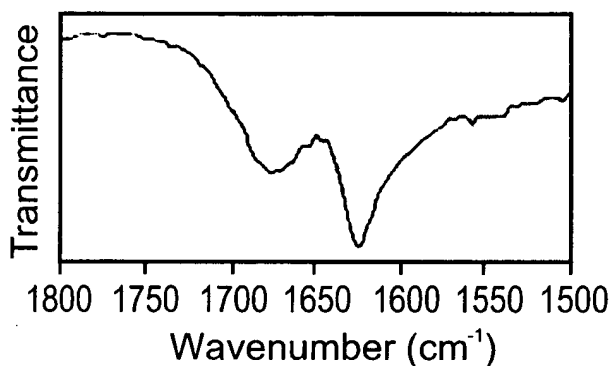


Fig. 14 e

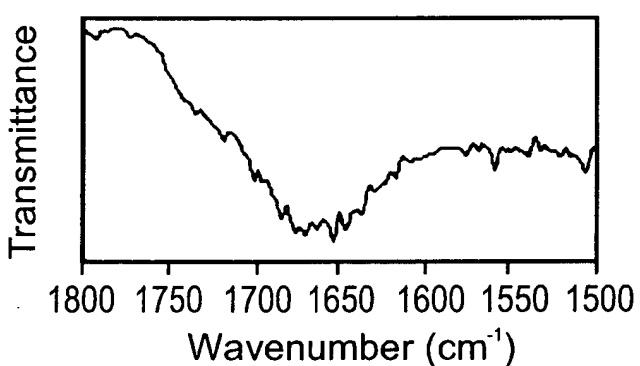


Fig. 14 f

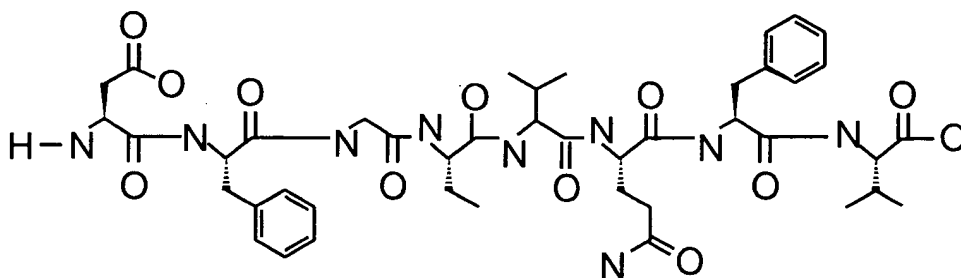


Fig. 15

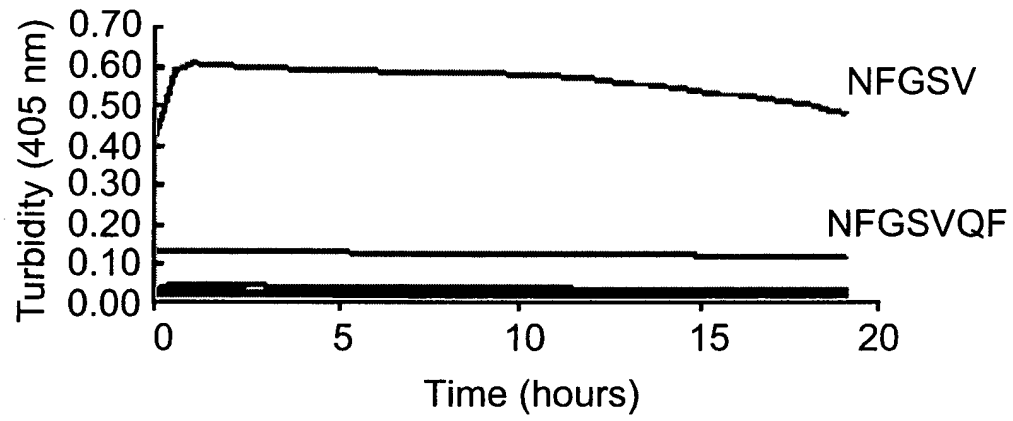


Fig. 16a

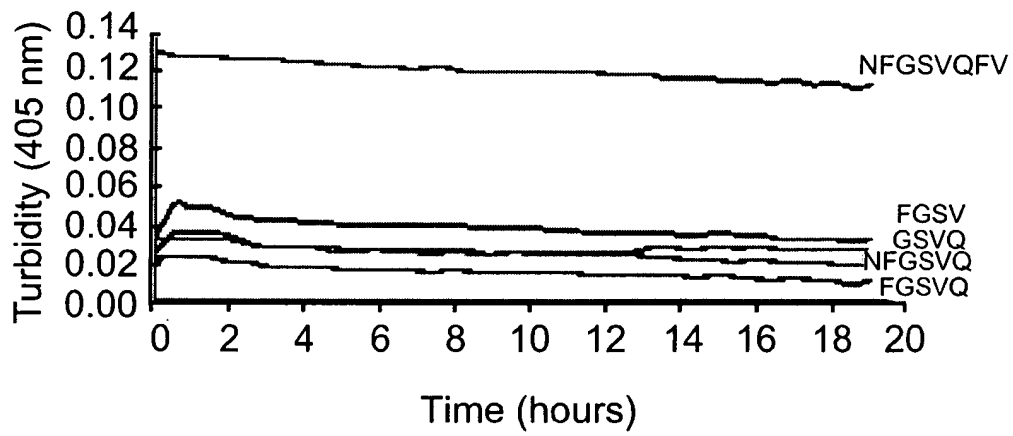


Fig. 16b

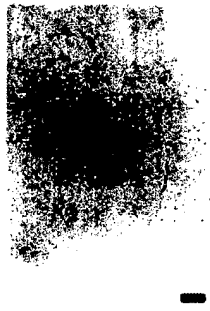


Fig. 17a



Fig. 17b



Fig. 17c

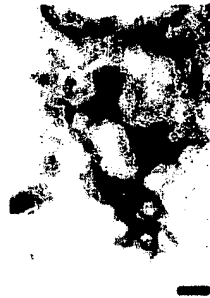


Fig. 17d



Fig. 17e



Fig. 17f



Fig. 18a

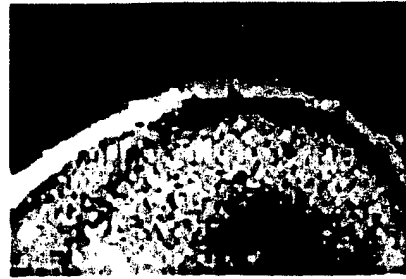


Fig. 18b

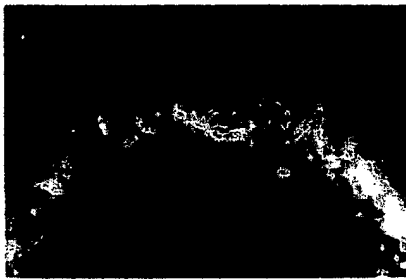


Fig. 18c

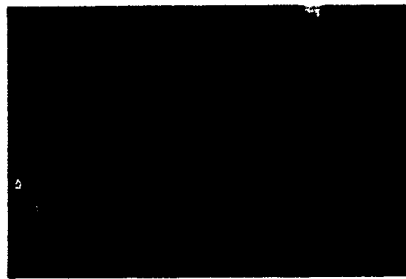


Fig. 18d



Fig. 18e

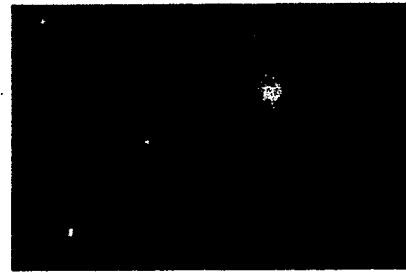


Fig. 18f

16/34

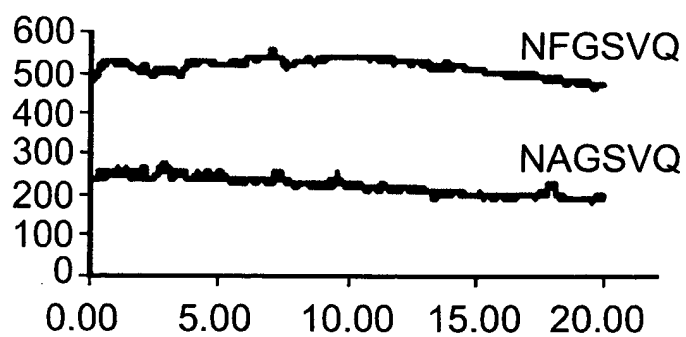


Fig. 19a



Fig. 19b

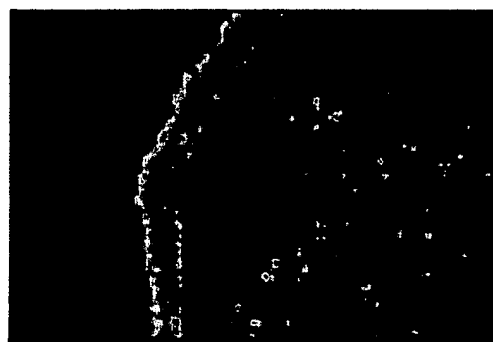


Fig. 19c

Fig. 20a

$\text{NH}_2\text{-CGNLSTCMLGTYTQDFN}$
- +
KEHTFPQTAIGVGAP-COOH

Fig. 20b

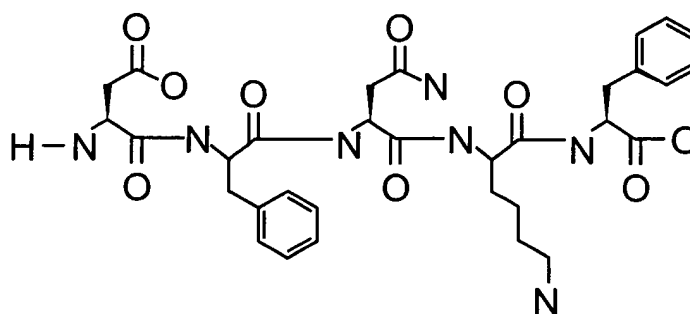




Fig. 21a



Fig. 21b



Fig. 21c

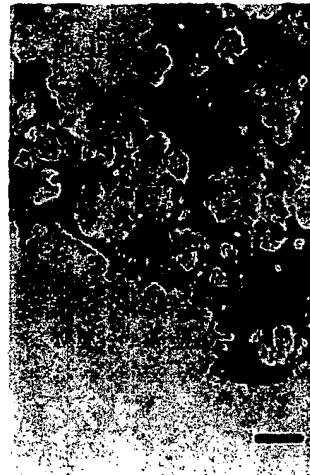


Fig. 21d

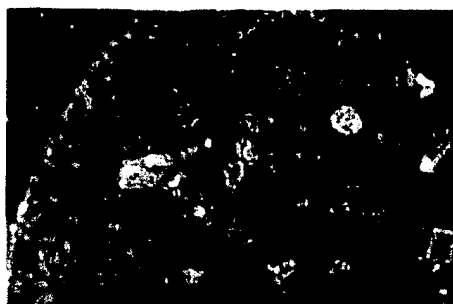


Fig. 22a



Fig. 22b

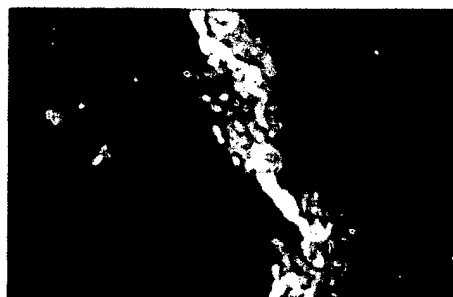


Fig. 22c

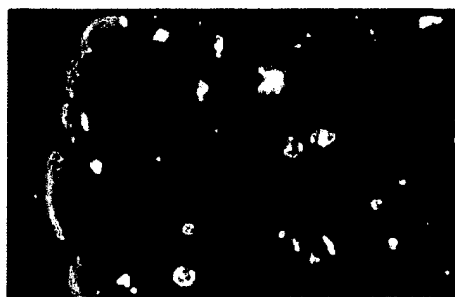


Fig. 22d

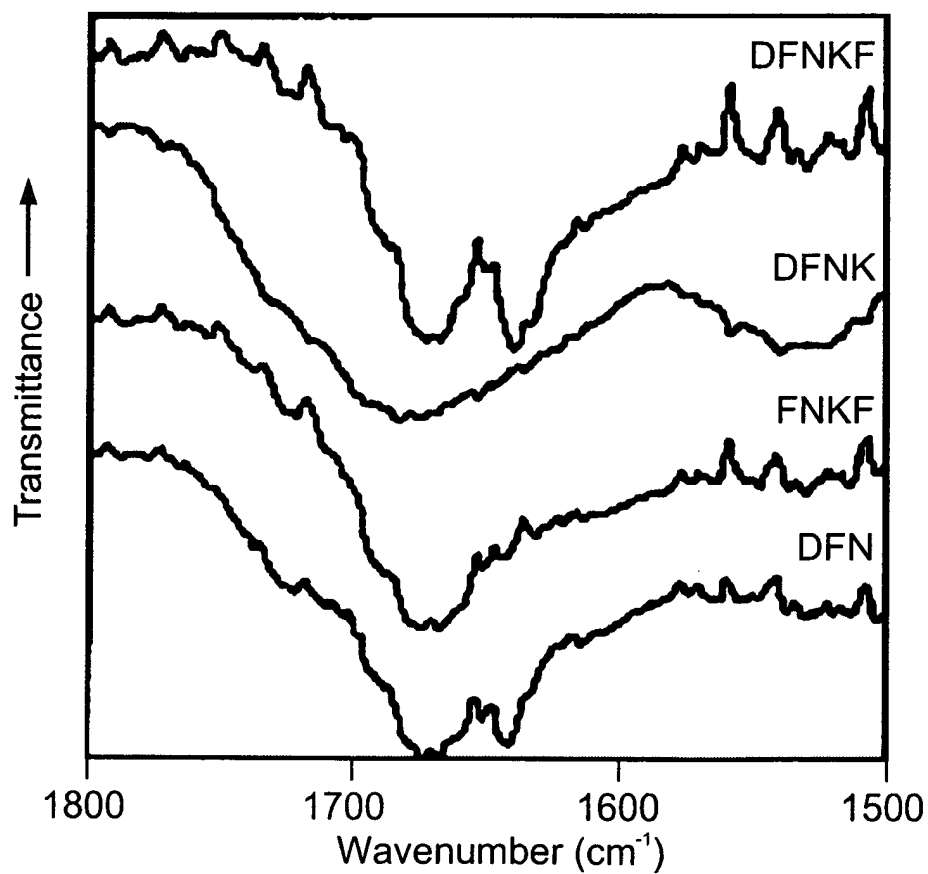


Fig. 23



Fig. 24a

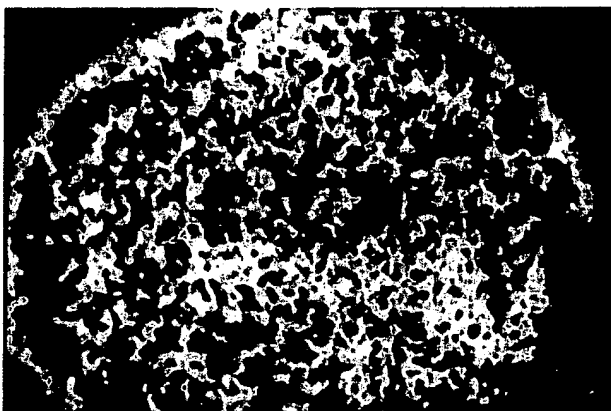


Fig. 24b

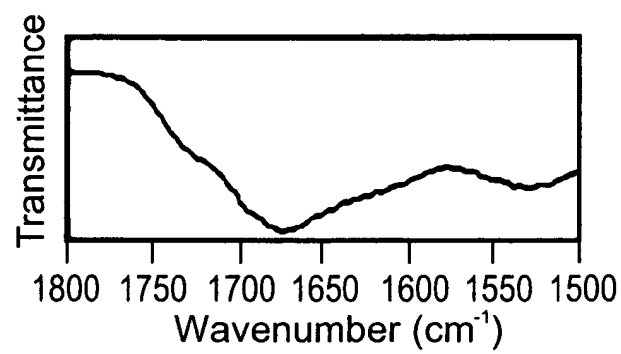


Fig. 24c

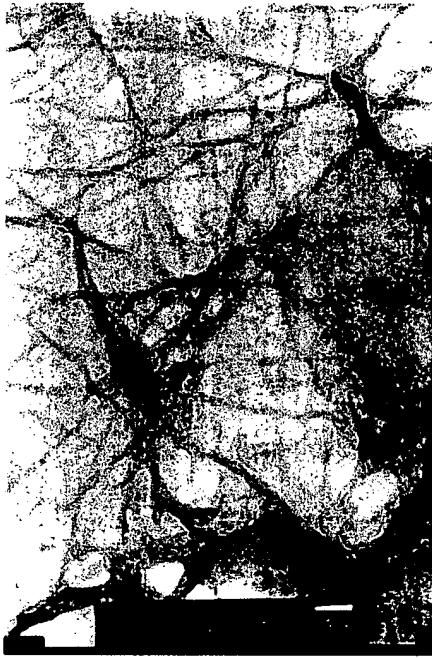


Fig. 25



Fig. 26



Fig. 27



Fig. 28



Fig. 29

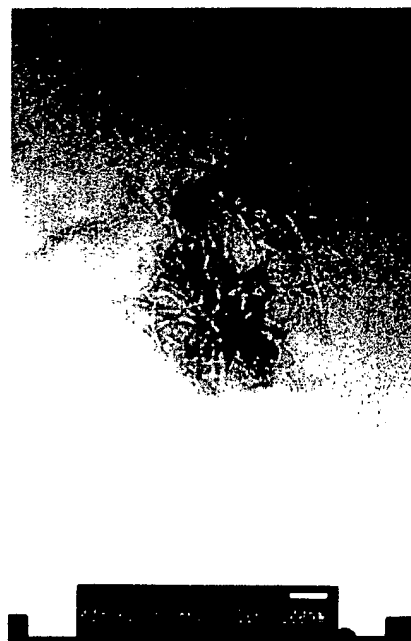


Fig. 30



Fig. 31

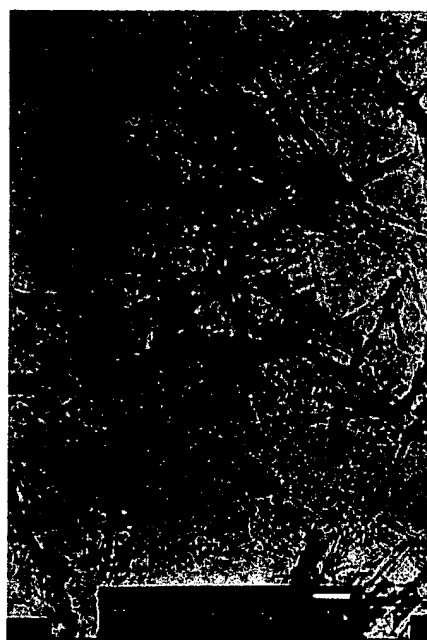


Fig. 32



Fig. 33



Fig. 34



Fig. 35



Fig. 36

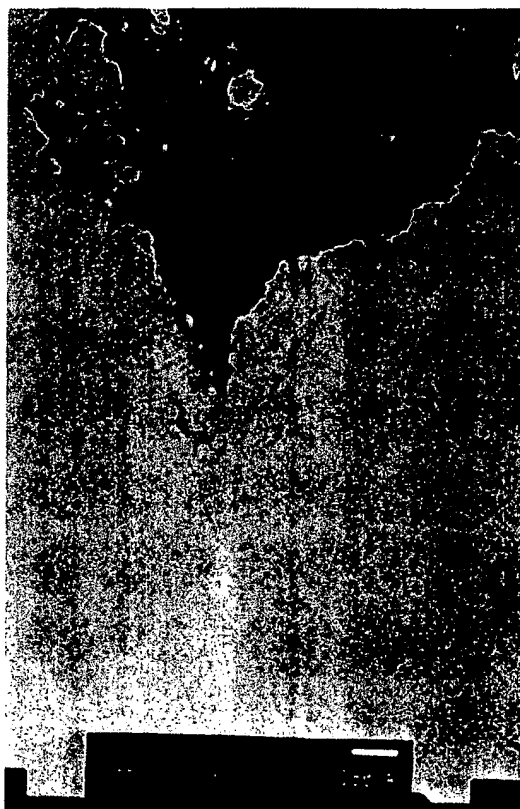


Fig. 37

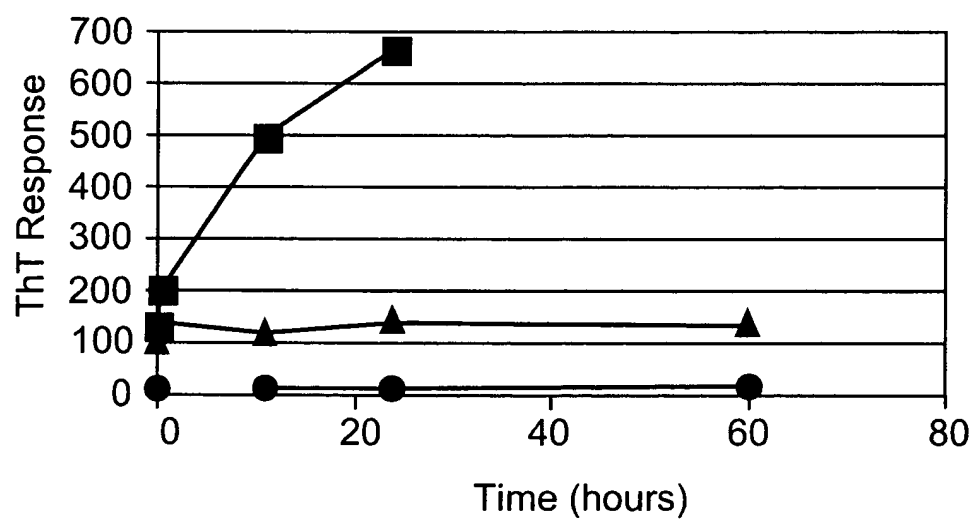


Fig. 38

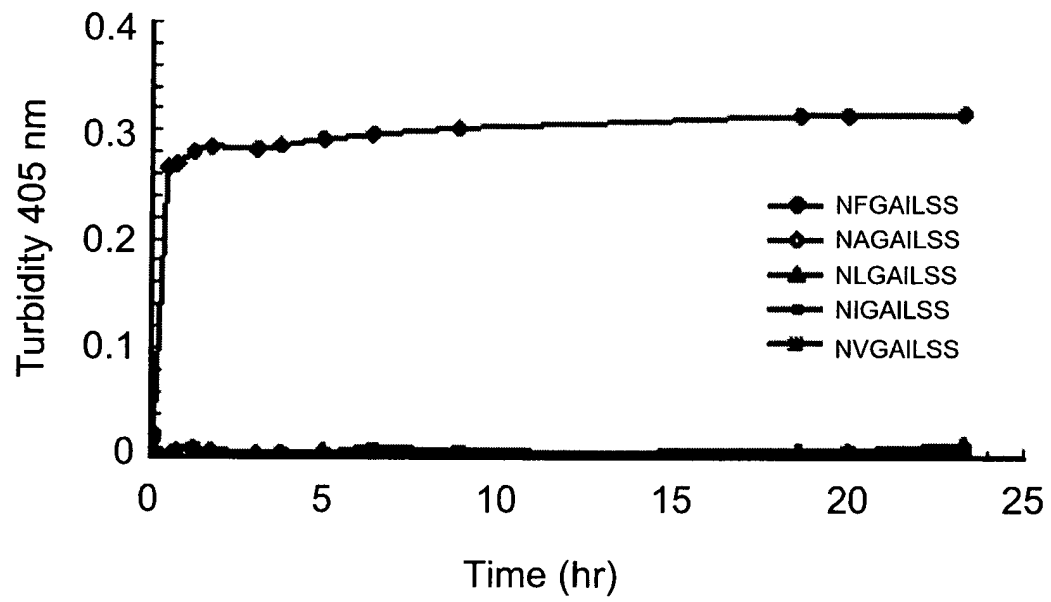


Fig. 39

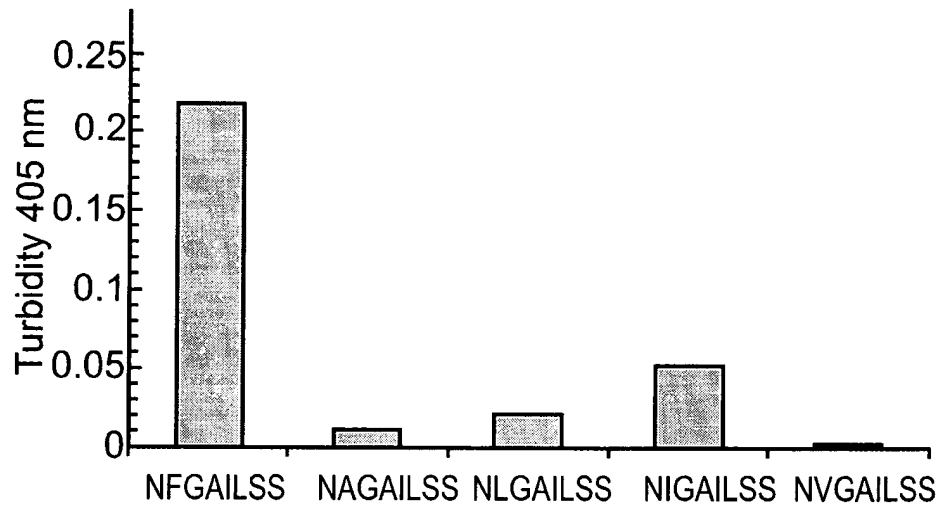


Fig. 40



Fig. 41a



Fig. 41b



Fig. 41c

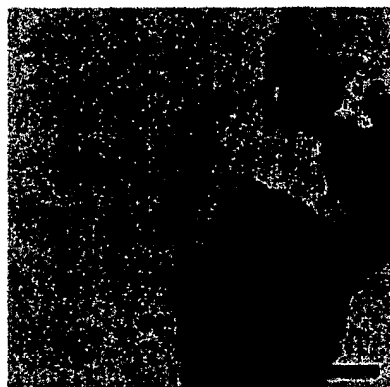


Fig. 41d

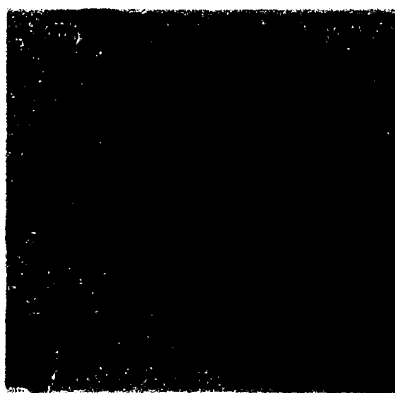


Fig. 41e



Fig. 41f

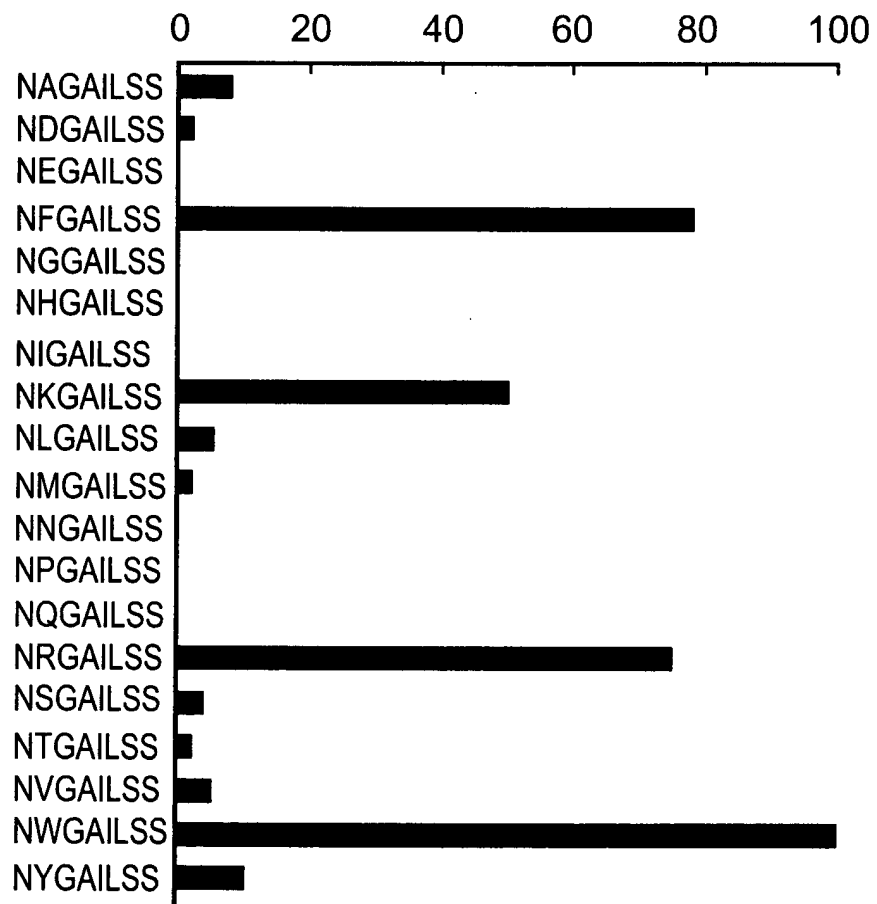
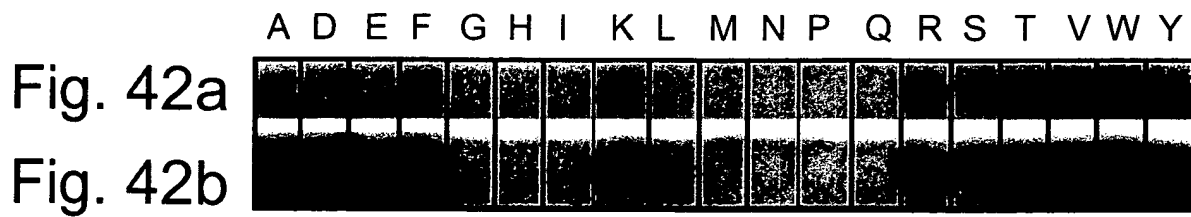


Fig. 42c

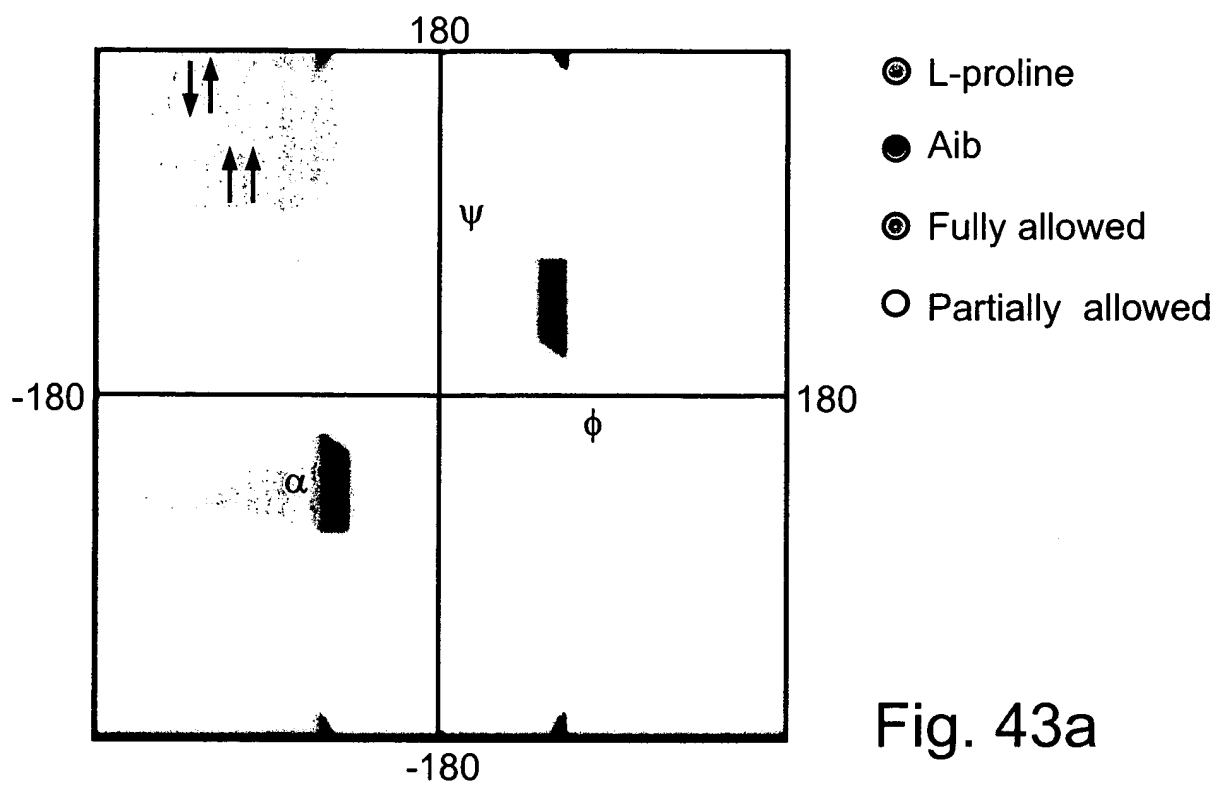


Fig. 43a

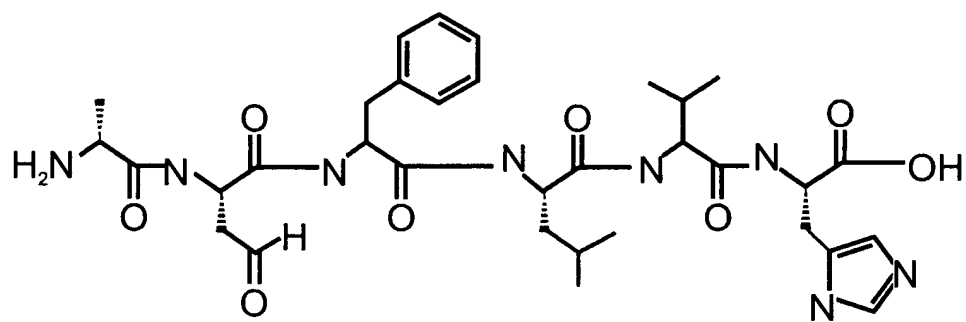


Fig. 43b

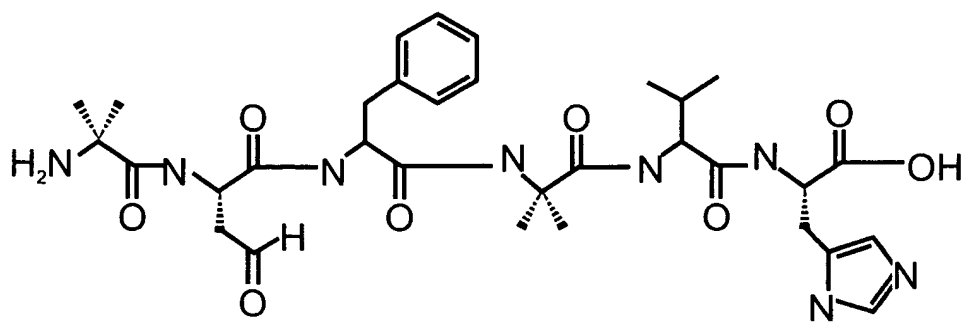


Fig. 43c

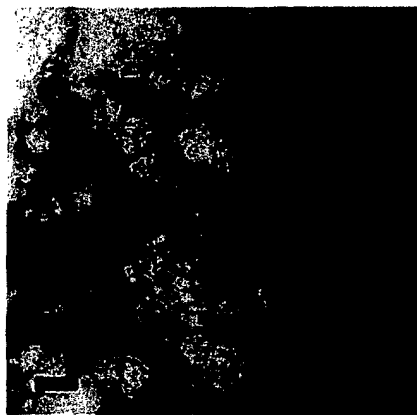


Fig. 44a



Fig. 44b



Fig. 44c

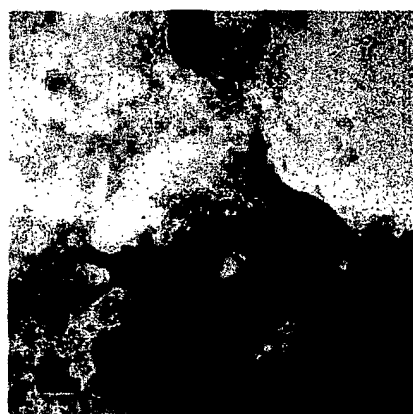


Fig. 44d

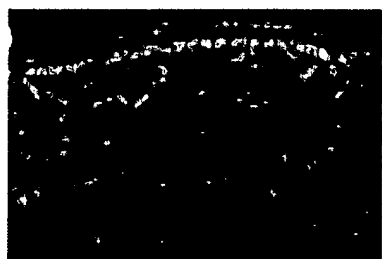


Fig. 45a



Fig. 45b



Fig. 45c



Fig. 45d

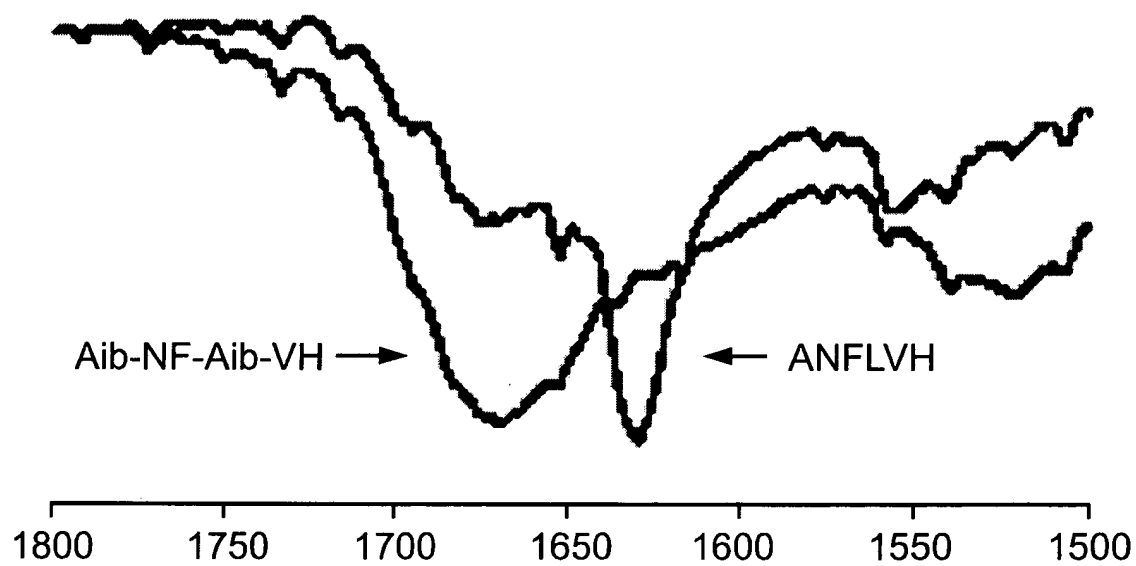


Fig. 46a

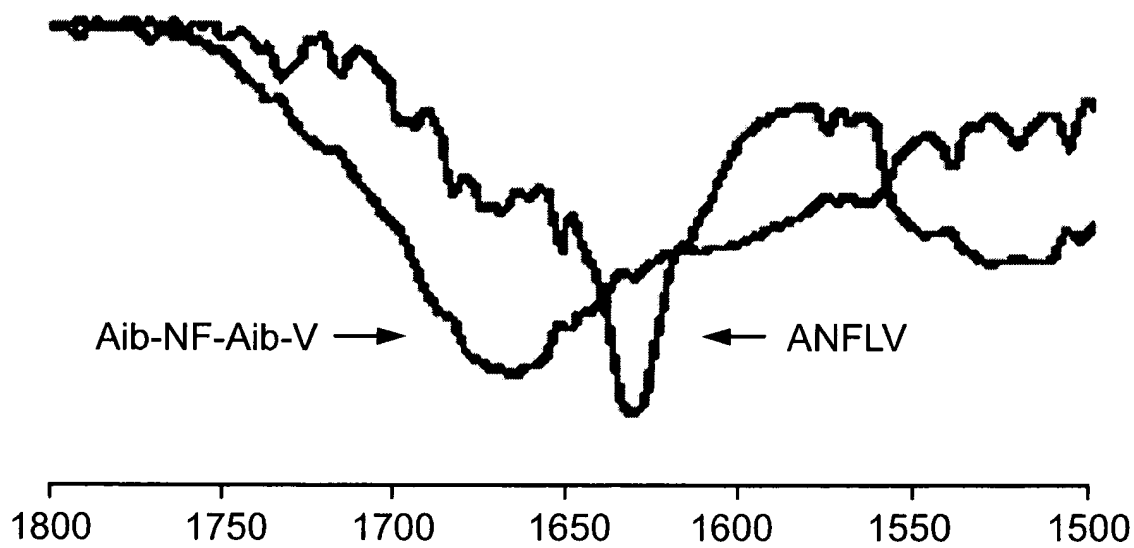


Fig. 46b

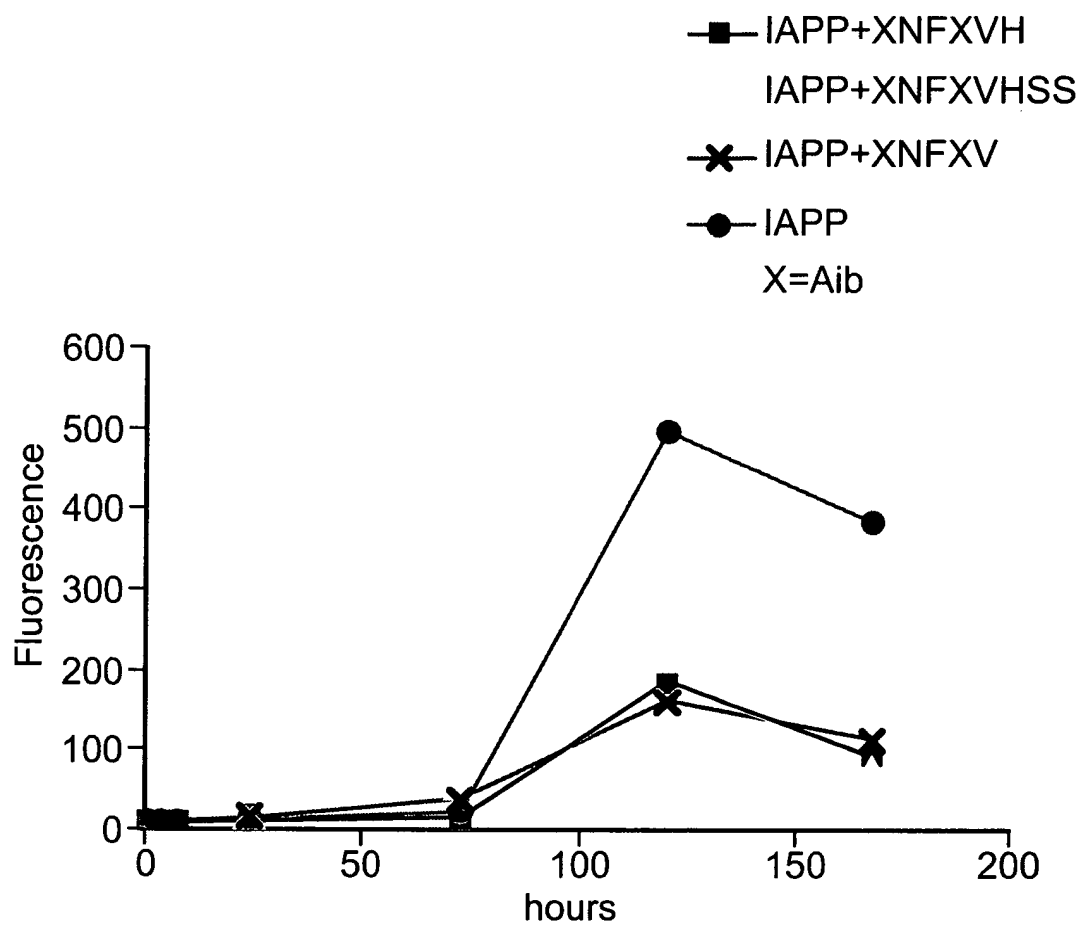


Fig. 47

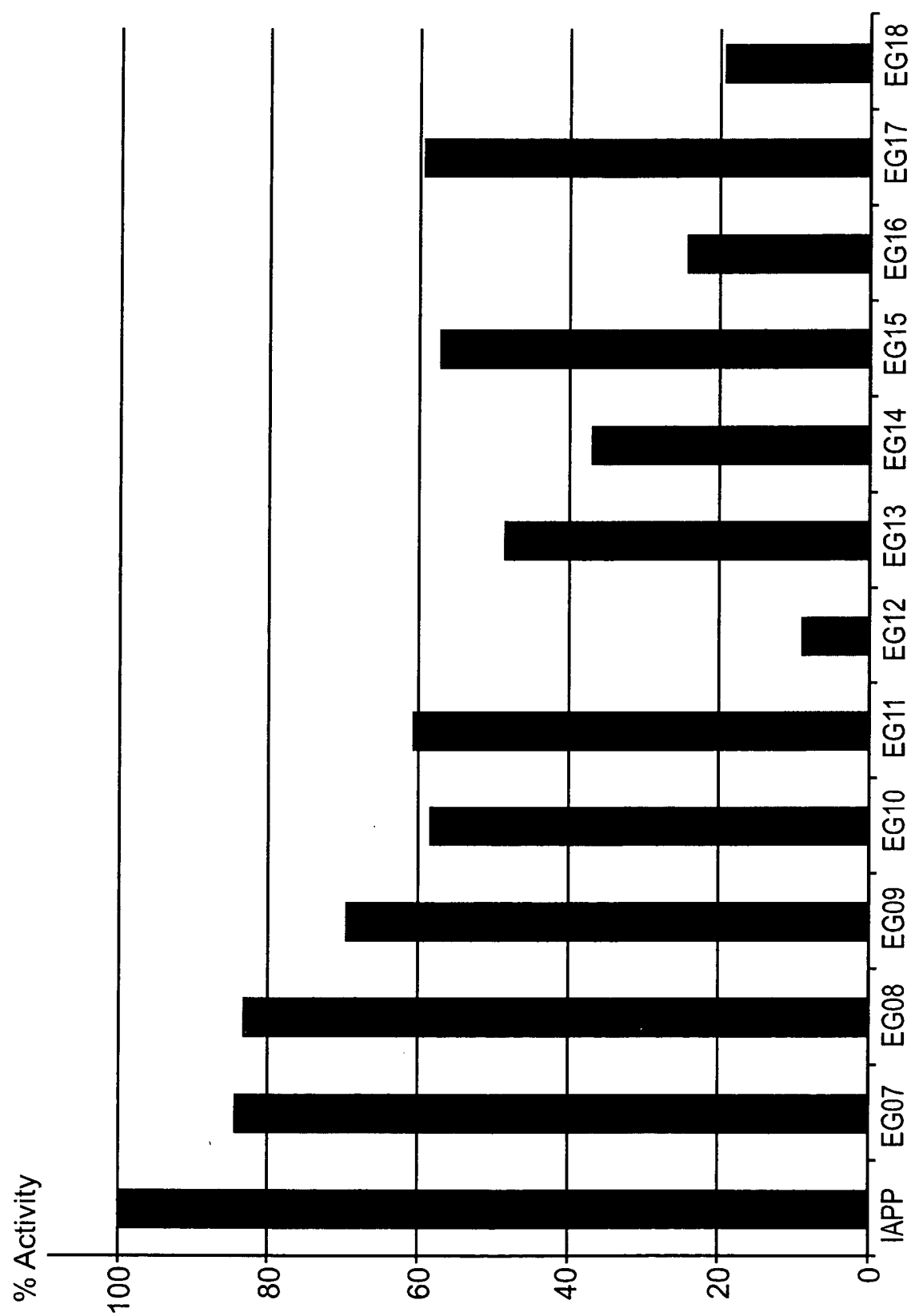


Fig. 48

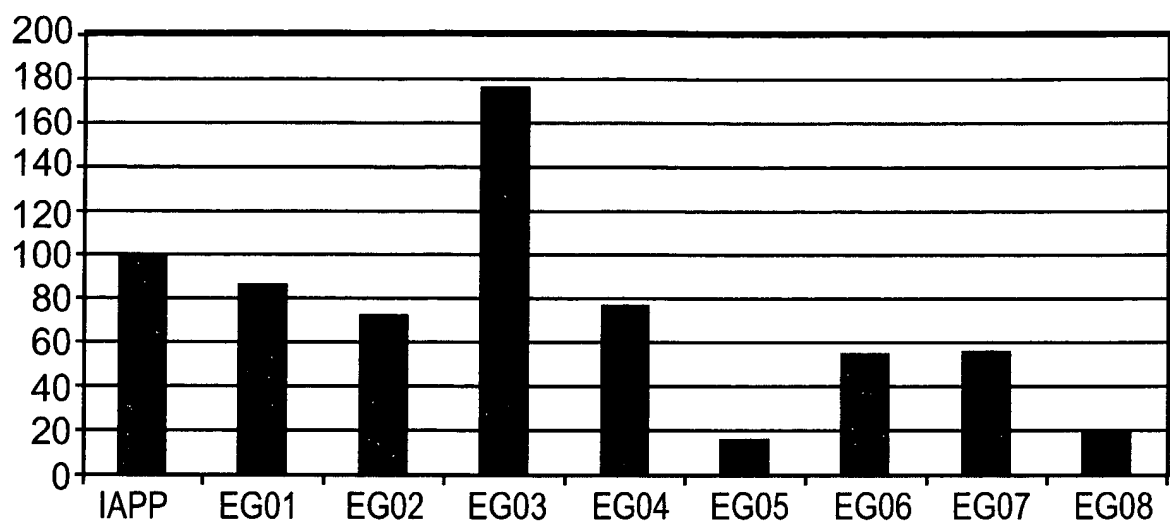


Fig. 49a

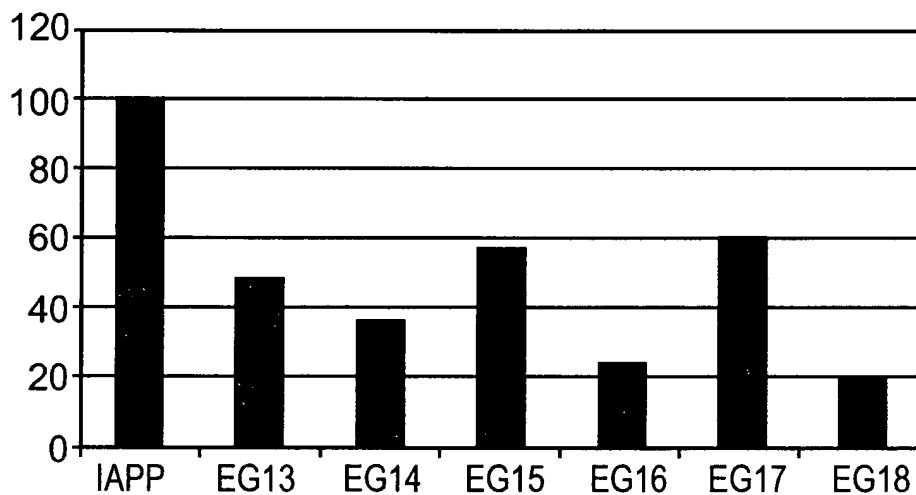


Fig. 49b

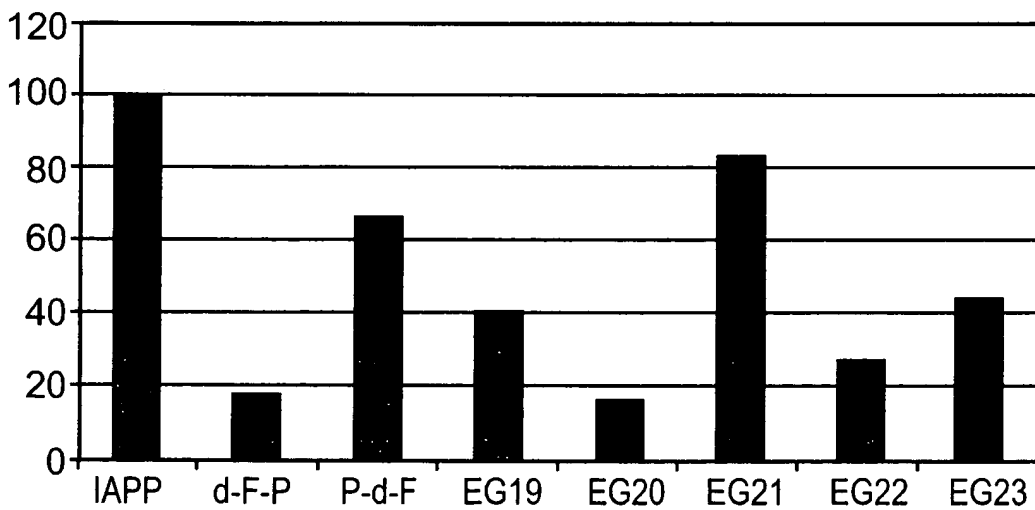


Fig. 49c

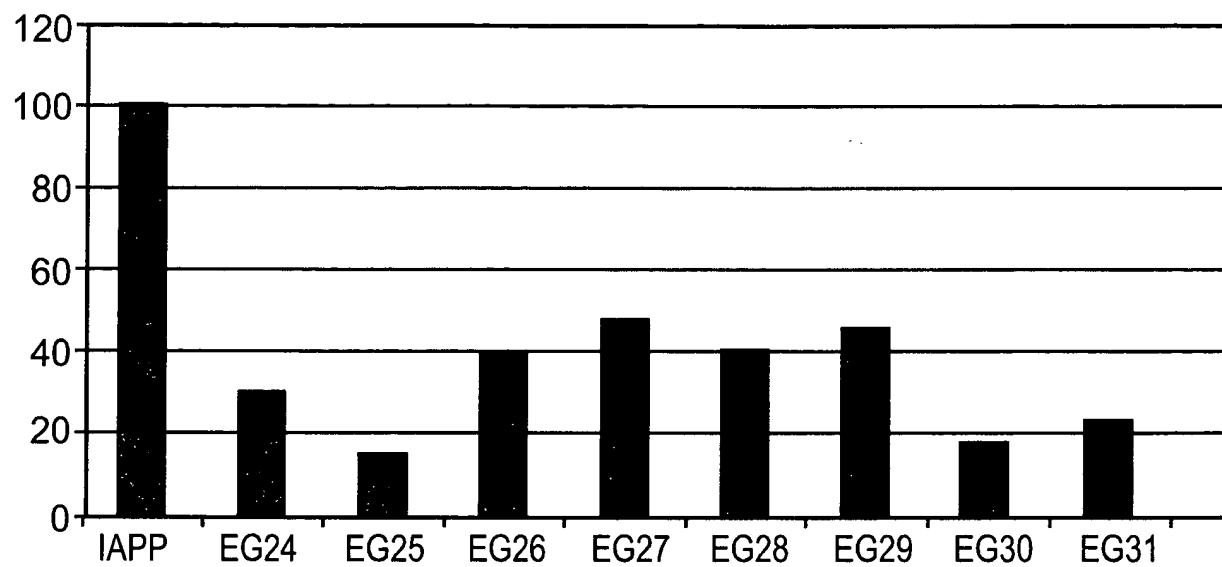


Fig. 49d

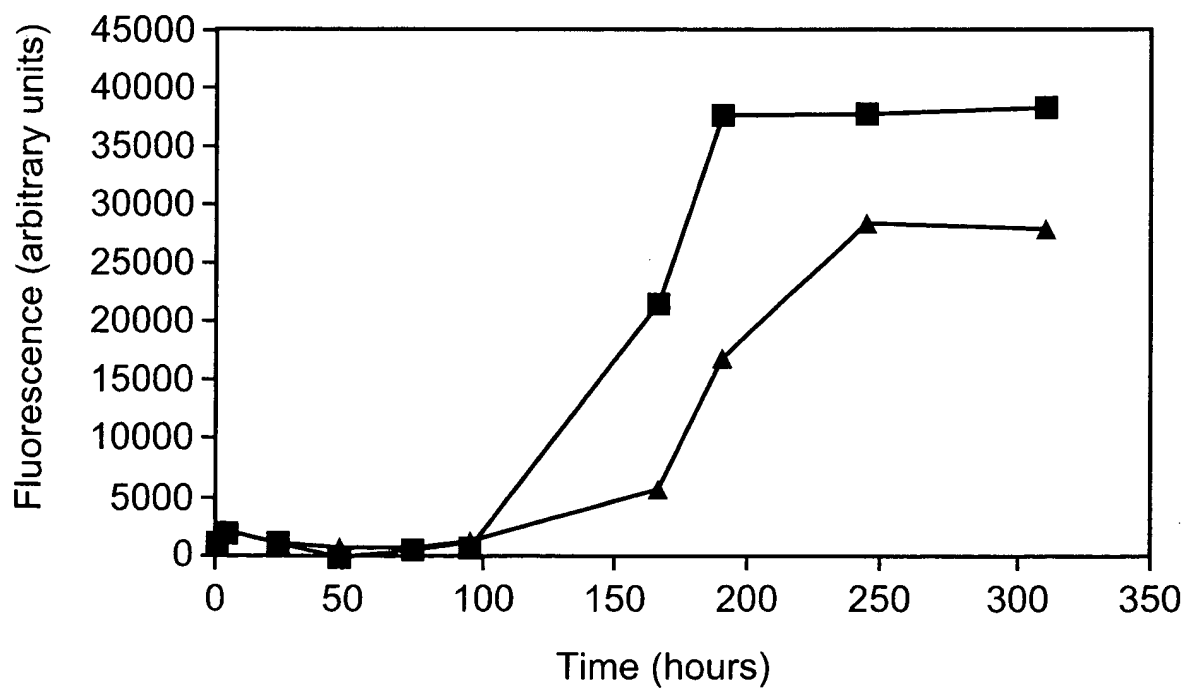


Fig. 50



Fig. 51a

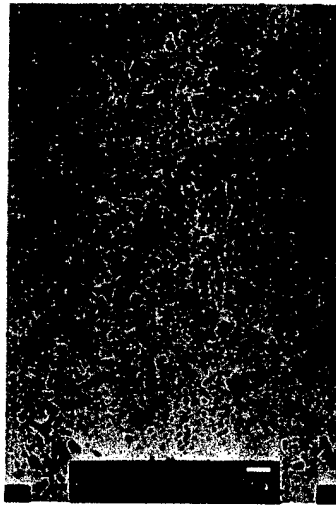


Fig. 51b

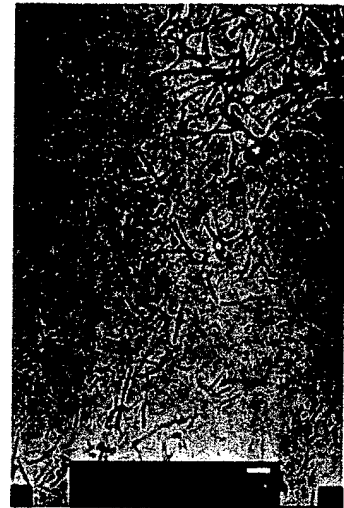


Fig. 51c

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